

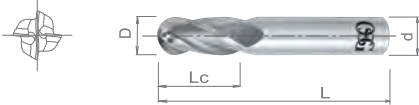


# List 404BN

OSG STANDARD CARBIDE BN

|                                |                |           |              |                |            |  |             |            |             |                          |
|--------------------------------|----------------|-----------|--------------|----------------|------------|--|-------------|------------|-------------|--------------------------|
| <b>SPEED FEED</b><br>1502-1503 | <b>CARBIDE</b> | <b>BR</b> | <b>TiAlN</b> | <b>4 FLUTE</b> | <b>30°</b> |  | <b>STUB</b> | <b>REG</b> | <b>LONG</b> | <b>PACKED</b><br>1 PIECE |
|--------------------------------|----------------|-----------|--------------|----------------|------------|--|-------------|------------|-------------|--------------------------|

| Cutting Diameter Tolerance |               |
|----------------------------|---------------|
| 1/32" ≤ D ≤ 1"             | +0 / -0.002"  |
| 1mm ≤ D ≤ 25mm             | +0 / -0.050mm |



| EDP Number    |   | Diameter            |        | Length of Cut |         | Overall Length |        | Shank Diameter |        | Surface Treatment |
|---------------|---|---------------------|--------|---------------|---------|----------------|--------|----------------|--------|-------------------|
|               |   | D (Fractional Size) | D (mm) | Lc (Inch)     | Lc (mm) | L (Inch)       | L (mm) | d (Inch)       | d (mm) |                   |
| 404-0312-BN   | ● | 1/32                | -      | 0.125         | -       | 1.500          | -      | 0.125          | -      | BRIGHT            |
| 404-0312-BN11 | ● | 1/32                | -      | 0.125         | -       | 1.500          | -      | 0.125          | -      | TiAlN             |
| 404-0394-BN   | ● | -                   | 1.00   | -             | 3.00    | -              | 39.00  | -              | 3.00   | BRIGHT            |
| 404-0394-BN11 | ● | -                   | 1.00   | -             | 3.00    | -              | 39.00  | -              | 3.00   | TiAlN             |
| 404-0469-BN   | ● | 3/64                | -      | 0.141         | -       | 1.500          | -      | 0.125          | -      | BRIGHT            |
| 404-0469-BN11 | ● | 3/64                | -      | 0.141         | -       | 1.500          | -      | 0.125          | -      | TiAlN             |
| 404-0591-BN   | ● | -                   | 1.50   | -             | 5.00    | -              | 39.00  | -              | 3.00   | BRIGHT            |
| 404-0591-BN11 | ● | -                   | 1.50   | -             | 5.00    | -              | 39.00  | -              | 3.00   | TiAlN             |
| 404-0625-BN   | ● | 1/16                | -      | 0.188         | -       | 1.500          | -      | 0.125          | -      | BRIGHT            |
| 404-0625-BN11 | ● | 1/16                | -      | 0.188         | -       | 1.500          | -      | 0.125          | -      | TiAlN             |
| 404-0781-BN   | ● | 5/64                | -      | 0.250         | -       | 1.500          | -      | 0.125          | -      | BRIGHT            |
| 404-0781-BN11 | ● | 5/64                | -      | 0.250         | -       | 1.500          | -      | 0.125          | -      | TiAlN             |
| 404-0787-BN   | ● | -                   | 2.00   | -             | 7.00    | -              | 39.00  | -              | 3.00   | BRIGHT            |
| 404-0787-BN11 | ● | -                   | 2.00   | -             | 7.00    | -              | 39.00  | -              | 3.00   | TiAlN             |
| 404-0938-BN   | ● | 3/32                | -      | 0.313         | -       | 1.500          | -      | 0.125          | -      | BRIGHT            |
| 404-0938-BN11 | ● | 3/32                | -      | 0.313         | -       | 1.500          | -      | 0.125          | -      | TiAlN             |
| 404-0984-BN   | ● | -                   | 2.50   | -             | 8.00    | -              | 39.00  | -              | 3.00   | BRIGHT            |
| 404-0984-BN11 | ● | -                   | 2.50   | -             | 8.00    | -              | 39.00  | -              | 3.00   | TiAlN             |
| 404-1094-BN   | ● | 7/64                | -      | 0.375         | -       | 1.500          | -      | 0.125          | -      | BRIGHT            |
| 404-1094-BN11 | ● | 7/64                | -      | 0.375         | -       | 1.500          | -      | 0.125          | -      | TiAlN             |
| 404-1181-BN   | ● | -                   | 3.00   | -             | 10.00   | -              | 39.00  | -              | 3.00   | BRIGHT            |
| 404-1181-BN11 | ● | -                   | 3.00   | -             | 10.00   | -              | 39.00  | -              | 3.00   | TiAlN             |
| 404-1250-BN   | ● | 1/8                 | -      | 0.500         | -       | 1.500          | -      | 0.125          | -      | BRIGHT            |
| 404-1250-BN11 | ● | 1/8                 | -      | 0.500         | -       | 1.500          | -      | 0.125          | -      | TiAlN             |
| 404-1378-BN   | ● | -                   | 3.50   | -             | 12.00   | -              | 51.00  | -              | 4.00   | BRIGHT            |
| 404-1378-BN11 | ● | -                   | 3.50   | -             | 12.00   | -              | 51.00  | -              | 4.00   | TiAlN             |
| 404-1406-BN   | ● | 9/64                | -      | 0.500         | -       | 2.000          | -      | 0.188          | -      | BRIGHT            |
| 404-1406-BN11 | ● | 9/64                | -      | 0.500         | -       | 2.000          | -      | 0.188          | -      | TiAlN             |
| 404-1562-BN   | ● | 5/32                | -      | 0.563         | -       | 2.000          | -      | 0.188          | -      | BRIGHT            |
| 404-1562-BN11 | ● | 5/32                | -      | 0.563         | -       | 2.000          | -      | 0.188          | -      | TiAlN             |
| 404-1575-BN   | ● | -                   | 4.00   | -             | 14.00   | -              | 51.00  | -              | 4.00   | BRIGHT            |
| 404-1575-BN11 | ● | -                   | 4.00   | -             | 14.00   | -              | 51.00  | -              | 4.00   | TiAlN             |
| 404-1719-BN   | ● | 11/64               | -      | 0.563         | -       | 2.000          | -      | 0.188          | -      | BRIGHT            |
| 404-1719-BN11 | ● | 11/64               | -      | 0.563         | -       | 2.000          | -      | 0.188          | -      | TiAlN             |
| 404-1772-BN   | ● | -                   | 4.50   | -             | 14.00   | -              | 51.00  | -              | 5.00   | BRIGHT            |
| 404-1772-BN11 | ● | -                   | 4.50   | -             | 14.00   | -              | 51.00  | -              | 5.00   | TiAlN             |
| 404-1875-BN   | ● | 3/16                | -      | 0.625         | -       | 2.000          | -      | 0.188          | -      | BRIGHT            |
| 404-1875-BN11 | ● | 3/16                | -      | 0.625         | -       | 2.000          | -      | 0.188          | -      | TiAlN             |
| 404-1968-BN   | ● | -                   | 5.00   | -             | 16.00   | -              | 51.00  | -              | 5.00   | BRIGHT            |
| 404-1968-BN11 | ● | -                   | 5.00   | -             | 16.00   | -              | 51.00  | -              | 5.00   | TiAlN             |
| 404-2031-BN   | ● | 13/64               | -      | 0.625         | -       | 2.500          | -      | 0.250          | -      | BRIGHT            |
| 404-2031-BN11 | ● | 13/64               | -      | 0.625         | -       | 2.500          | -      | 0.250          | -      | TiAlN             |
| 404-2188-BN   | ● | 7/32                | -      | 0.625         | -       | 2.500          | -      | 0.250          | -      | BRIGHT            |
| 404-2188-BN11 | ● | 7/32                | -      | 0.625         | -       | 2.500          | -      | 0.250          | -      | TiAlN             |

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked  
Note: Other coatings available upon request.



CONTINUED ▶

| P            |        |      |             |           | M               |     |     | K         | N           |              | S        |         | H              |         |           |           |           |
|--------------|--------|------|-------------|-----------|-----------------|-----|-----|-----------|-------------|--------------|----------|---------|----------------|---------|-----------|-----------|-----------|
| Steel        |        |      |             |           | Stainless Steel |     |     | Cast Iron | Non-Ferrous |              | HRSA     |         | Hardened Steel |         |           |           |           |
| Carbon Steel |        |      | Alloy Steel | Die Steel |                 |     |     |           | Aluminum    | Nickel Alloy | Titanium |         |                |         |           |           |           |
| Low          | Medium | High |             |           |                 |     |     |           |             |              |          |         |                |         |           |           |           |
| 1010         | 1035   | 1045 | 1065        | 4140      | 4340            | 300 | 400 | 17-4 PH   | 6061        | 7075         | Casting  | Inconel | 6Al4V (30 HRC) | ~35 HRC | 35-45 HRC | 45-50 HRC | 50-70 HRC |
| ○            | ○      | ○    | ○           | ○         | ○               | ○   | ○   |           | ○           | ○            |          |         |                | ○       | ○         | ○         |           |

○ Good ⊗ Best



ABOUT OSG  
DRILLING  
THREADING  
MILLING  
HOLDERS  
INDEX



## List 404BN (Continued)

OSG STANDARD CARBIDE BN

SPEED  
FEED  
1502-1503

CARBIDE

BR

TiAlN

4 FLUTE

30°



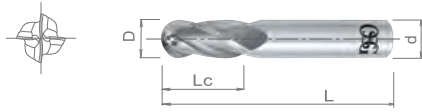
STUB

REG

LONG

PACKED

1 PIECE



| Cutting Diameter Tolerance |               |
|----------------------------|---------------|
| 1/32" ≤ D ≤ 1"             | +0 / -0.002"  |
| 1mm ≤ D ≤ 25mm             | +0 / -0.050mm |

| EDP Number    |   | Diameter            |        | Length of Cut |         | Overall Length |        | Shank Diameter |        | Surface Treatment |
|---------------|---|---------------------|--------|---------------|---------|----------------|--------|----------------|--------|-------------------|
|               |   | D (Fractional Size) | D (mm) | Lc (Inch)     | Lc (mm) | L (Inch)       | L (mm) | d (Inch)       | d (mm) |                   |
| 404-2344-BN   | ● | 15/64               | -      | 0.750         | -       | 2.500          | -      | 0.250          | -      | BRIGHT            |
| 404-2344-BN11 | ● | 15/64               | -      | 0.750         | -       | 2.500          | -      | 0.250          | -      | TiAlN             |
| 404-2362-BN   | ● | -                   | 6.00   | -             | 19.00   | -              | 64.00  | -              | 6.00   | BRIGHT            |
| 404-2362-BN11 | ● | -                   | 6.00   | -             | 19.00   | -              | 64.00  | -              | 6.00   | TiAlN             |
| 404-2500-BN   | ● | 1/4                 | -      | 0.750         | -       | 2.500          | -      | 0.250          | -      | BRIGHT            |
| 404-2500-BN11 | ● | 1/4                 | -      | 0.750         | -       | 2.500          | -      | 0.250          | -      | TiAlN             |
| 404-2656-BN   | ● | 17/64               | -      | 0.750         | -       | 2.500          | -      | 0.313          | -      | BRIGHT            |
| 404-2656-BN11 | ● | 17/64               | -      | 0.750         | -       | 2.500          | -      | 0.313          | -      | TiAlN             |
| 404-2756-BN   | ● | -                   | 7.00   | -             | 19.00   | -              | 64.00  | -              | 8.00   | BRIGHT            |
| 404-2756-BN11 | ● | -                   | 7.00   | -             | 19.00   | -              | 64.00  | -              | 8.00   | TiAlN             |
| 404-2812-BN   | ● | 9/32                | -      | 0.750         | -       | 2.500          | -      | 0.313          | -      | BRIGHT            |
| 404-2812-BN11 | ● | 9/32                | -      | 0.750         | -       | 2.500          | -      | 0.313          | -      | TiAlN             |
| 404-2969-BN   | ● | 19/64               | -      | 0.813         | -       | 2.500          | -      | 0.313          | -      | BRIGHT            |
| 404-2969-BN11 | ● | 19/64               | -      | 0.813         | -       | 2.500          | -      | 0.313          | -      | TiAlN             |
| 404-3125-BN   | ● | 5/16                | -      | 0.813         | -       | 2.500          | -      | 0.313          | -      | BRIGHT            |
| 404-3125-BN11 | ● | 5/16                | -      | 0.813         | -       | 2.500          | -      | 0.313          | -      | TiAlN             |
| 404-3150-BN   | ● | -                   | 8.00   | -             | 21.00   | -              | 64.00  | -              | 8.00   | BRIGHT            |
| 404-3150-BN11 | ● | -                   | 8.00   | -             | 21.00   | -              | 64.00  | -              | 8.00   | TiAlN             |
| 404-3281-BN   | ● | 21/64               | -      | 0.875         | -       | 2.500          | -      | 0.375          | -      | BRIGHT            |
| 404-3281-BN11 | ● | 21/64               | -      | 0.875         | -       | 2.500          | -      | 0.375          | -      | TiAlN             |
| 404-3438-BN   | ● | 11/32               | -      | 0.875         | -       | 2.500          | -      | 0.375          | -      | BRIGHT            |
| 404-3438-BN11 | ● | 11/32               | -      | 0.875         | -       | 2.500          | -      | 0.375          | -      | TiAlN             |
| 404-3543-BN   | ● | -                   | 9.00   | -             | 22.00   | -              | 70.00  | -              | 10.00  | BRIGHT            |
| 404-3543-BN11 | ● | -                   | 9.00   | -             | 22.00   | -              | 70.00  | -              | 10.00  | TiAlN             |
| 404-3594-BN   | ● | 23/64               | -      | 0.875         | -       | 2.500          | -      | 0.375          | -      | BRIGHT            |
| 404-3594-BN11 | ● | 23/64               | -      | 0.875         | -       | 2.500          | -      | 0.375          | -      | TiAlN             |
| 404-3750-BN   | ● | 3/8                 | -      | 1.000         | -       | 2.500          | -      | 0.375          | -      | BRIGHT            |
| 404-3750-BN11 | ● | 3/8                 | -      | 1.000         | -       | 2.500          | -      | 0.375          | -      | TiAlN             |
| 404-3906-BN   | ● | 25/64               | -      | 1.000         | -       | 2.750          | -      | 0.438          | -      | BRIGHT            |
| 404-3906-BN11 | ● | 25/64               | -      | 1.000         | -       | 2.750          | -      | 0.438          | -      | TiAlN             |
| 404-3937-BN   | ● | -                   | 10.00  | -             | 25.00   | -              | 70.00  | -              | 10.00  | BRIGHT            |
| 404-3937-BN11 | ● | -                   | 10.00  | -             | 25.00   | -              | 70.00  | -              | 10.00  | TiAlN             |
| 404-4062-BN   | ● | 13/32               | -      | 1.000         | -       | 2.750          | -      | 0.438          | -      | BRIGHT            |
| 404-4062-BN11 | ● | 13/32               | -      | 1.000         | -       | 2.750          | -      | 0.438          | -      | TiAlN             |
| 404-4219-BN   | ● | 27/64               | -      | 1.000         | -       | 2.750          | -      | 0.438          | -      | BRIGHT            |
| 404-4219-BN11 | ● | 27/64               | -      | 1.000         | -       | 2.750          | -      | 0.438          | -      | TiAlN             |
| 404-4331-BN   | ● | -                   | 11.00  | -             | 25.00   | -              | 70.00  | -              | 11.00  | BRIGHT            |
| 404-4331-BN11 | ● | -                   | 11.00  | -             | 25.00   | -              | 70.00  | -              | 11.00  | TiAlN             |
| 404-4375-BN   | ● | 7/16                | -      | 1.000         | -       | 2.750          | -      | 0.438          | -      | BRIGHT            |
| 404-4375-BN11 | ● | 7/16                | -      | 1.000         | -       | 2.750          | -      | 0.438          | -      | TiAlN             |
| 404-4531-BN   | ● | 29/64               | -      | 1.000         | -       | 3.000          | -      | 0.500          | -      | BRIGHT            |
| 404-4531-BN11 | ● | 29/64               | -      | 1.000         | -       | 3.000          | -      | 0.500          | -      | TiAlN             |
| 404-4688-BN   | ● | 15/32               | -      | 1.000         | -       | 3.000          | -      | 0.500          | -      | BRIGHT            |
| 404-4688-BN11 | ● | 15/32               | -      | 1.000         | -       | 3.000          | -      | 0.500          | -      | TiAlN             |
| 404-4724-BN   | ● | -                   | 12.00  | -             | 25.00   | -              | 76.00  | -              | 12.00  | BRIGHT            |
| 404-4724-BN11 | ● | -                   | 12.00  | -             | 25.00   | -              | 76.00  | -              | 12.00  | TiAlN             |
| 404-4844-BN   | ● | 31/64               | -      | 1.000         | -       | 3.000          | -      | 0.500          | -      | BRIGHT            |
| 404-4844-BN11 | ● | 31/64               | -      | 1.000         | -       | 3.000          | -      | 0.500          | -      | TiAlN             |
| 404-5000-BN   | ● | 1/2                 | -      | 1.000         | -       | 3.000          | -      | 0.500          | -      | BRIGHT            |
| 404-5000-BN11 | ● | 1/2                 | -      | 1.000         | -       | 3.000          | -      | 0.500          | -      | TiAlN             |
| 404-5512-BN   | ● | -                   | 14.00  | -             | 30.00   | -              | 89.00  | -              | 14.00  | BRIGHT            |
| 404-5512-BN11 | ● | -                   | 14.00  | -             | 30.00   | -              | 89.00  | -              | 14.00  | TiAlN             |
| 404-5625-BN   | ● | 9/16                | -      | 1.125         | -       | 3.500          | -      | 0.563          | -      | BRIGHT            |

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked  
 Note: Other coatings available upon request.





# List 404BN (Continued)

OSG STANDARD CARBIDE BN

|                                |                |           |              |                |            |  |             |            |             |                          |
|--------------------------------|----------------|-----------|--------------|----------------|------------|--|-------------|------------|-------------|--------------------------|
| <b>SPEED FEED</b><br>1502-1503 | <b>CARBIDE</b> | <b>BR</b> | <b>TiAlN</b> | <b>4 FLUTE</b> | <b>30°</b> |  | <b>STUB</b> | <b>REG</b> | <b>LONG</b> | <b>PACKED</b><br>1 PIECE |
|--------------------------------|----------------|-----------|--------------|----------------|------------|--|-------------|------------|-------------|--------------------------|

| EDP Number    |   | Diameter            |        | Length of Cut |         | Overall Length |        | Shank Diameter |        | Surface Treatment |
|---------------|---|---------------------|--------|---------------|---------|----------------|--------|----------------|--------|-------------------|
|               |   | D (Fractional Size) | D (mm) | Lc (Inch)     | Lc (mm) | L (Inch)       | L (mm) | d (Inch)       | d (mm) |                   |
| 404-5625-BN11 | ● | 9/16                | -      | 1.125         | -       | 3.500          | -      | 0.563          | -      | TiAlN             |
| 404-6250-BN   | ● | 5/8                 | -      | 1.250         | -       | 3.500          | -      | 0.625          | -      | BRIGHT            |
| 404-6250-BN11 | ● | 5/8                 | -      | 1.250         | -       | 3.500          | -      | 0.625          | -      | TiAlN             |
| 404-6299-BN   | ● | -                   | 16.00  | -             | 32.00   | -              | 89.00  | -              | 16.00  | BRIGHT            |
| 404-6299-BN11 | ● | -                   | 16.00  | -             | 32.00   | -              | 89.00  | -              | 16.00  | TiAlN             |
| 404-6875-BN   | ● | 11/16               | -      | 1.375         | -       | 4.000          | -      | 0.750          | -      | BRIGHT            |
| 404-6875-BN11 | ● | 11/16               | -      | 1.375         | -       | 4.000          | -      | 0.750          | -      | TiAlN             |
| 404-7087-BN   | ● | -                   | 18.00  | -             | 35.00   | -              | 102.00 | -              | 18.00  | BRIGHT            |
| 404-7087-BN11 | ● | -                   | 18.00  | -             | 35.00   | -              | 102.00 | -              | 18.00  | TiAlN             |
| 404-7500-BN   | ● | 3/4                 | -      | 1.500         | -       | 4.000          | -      | 0.750          | -      | BRIGHT            |
| 404-7500-BN11 | ● | 3/4                 | -      | 1.500         | -       | 4.000          | -      | 0.750          | -      | TiAlN             |
| 404-7874-BN   | ● | -                   | 20.00  | -             | 38.00   | -              | 102.00 | -              | 20.00  | BRIGHT            |
| 404-7874-BN11 | ● | -                   | 20.00  | -             | 38.00   | -              | 102.00 | -              | 20.00  | TiAlN             |
| 404-8661-BN   | ● | -                   | 22.00  | -             | 38.00   | -              | 102.00 | -              | 22.00  | BRIGHT            |
| 404-8661-BN11 | ● | -                   | 22.00  | -             | 38.00   | -              | 102.00 | -              | 22.00  | TiAlN             |
| 404-8750-BN   | ● | 7/8                 | -      | 1.500         | -       | 4.000          | -      | 0.875          | -      | BRIGHT            |
| 404-8750-BN11 | ● | 7/8                 | -      | 1.500         | -       | 4.000          | -      | 0.875          | -      | TiAlN             |
| 404-9843-BN   | ● | -                   | 25.00  | -             | 38.00   | -              | 102.00 | -              | 25.00  | BRIGHT            |
| 404-9843-BN11 | ● | -                   | 25.00  | -             | 38.00   | -              | 102.00 | -              | 25.00  | TiAlN             |
| 404-1000-BN   | ● | 1                   | -      | 1.500         | -       | 4.000          | -      | 1.000          | -      | BRIGHT            |
| 404-1000-BN11 | ● | 1                   | -      | 1.500         | -       | 4.000          | -      | 1.000          | -      | TiAlN             |

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked  
Note: Other coatings available upon request.



ABOUT OSG

DRILLING

THREADING

MILLING

HOLDERS

INDEX

| P            |        |      |             |           | M               |         |              | K         | N           |                | S              |                | H              |           |           |           |
|--------------|--------|------|-------------|-----------|-----------------|---------|--------------|-----------|-------------|----------------|----------------|----------------|----------------|-----------|-----------|-----------|
| Steel        |        |      |             |           | Stainless Steel |         |              | Cast Iron | Non-Ferrous |                | HRSA           |                | Hardened Steel |           |           |           |
| Carbon Steel |        |      | Alloy Steel | Die Steel | Aluminum        |         | Nickel Alloy |           | Titanium    | Hardened Steel |                |                |                |           |           |           |
| Low          | Medium | High |             |           | 6061            | Casting |              |           |             | Inconel        | 6Al4V (30 HRC) | ~35 HRC        | 35-45 HRC      | 45-50 HRC | 50-70 HRC |           |
| 1010         | 1035   | 1045 | 1065        | 4140      | 4340            | 300     | 400          | 17-4 PH   | 6061        | 7075           |                | 6Al4V (30 HRC) | ~35 HRC        | 35-45 HRC | 45-50 HRC | 50-70 HRC |
| ○            | ○      | ○    | ○           | ○         | ○               | ○       | ○            | ○         | ○           | ○              |                | ○              | ○              | ○         | ○         |           |

○ Good ⊗ Best

